

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-7. (Canceled)

8. (Currently Amended) A flow-controlled wind motor rotor ~~(1) comprising~~  
comprising:

one or more blades~~(3)~~, said blades rotating around a central vertical axis ~~(4)~~ in a main bearing~~(5)~~, said blades being parallel to the central vertical axis~~(4)~~, said blades being connected via crossbars~~(6)~~, said blades ~~(3)~~ being disposed freely rotatably in bearings~~(7)~~, said blades ~~(3)~~ comprising a symmetrical aerodynamic profile ~~(8)~~ over their entire cross-section, said blades being orientable to ~~the~~ a direction of ~~the~~ a wind~~(10)~~, and said rotor comprising a wind vane ~~(9)~~ to capture the direction of the ~~wind characterized in that~~ wind,  
wherein

said rotor comprises a primary control mechanism~~(11)~~, which is controlled by said wind vane ~~(9)~~ and aligns said profiles ~~(8)~~ of said ~~blade(s) (3)~~ blades along the wind direction ~~(10)~~ at each point of their trajectory ~~(13)~~ around the central vertical axis~~(4)~~, said blades being disposed on said crossbars~~(6)~~,

said rotor comprises a secondary control mechanism~~(12)~~, which is subordinate to the primary control mechanism and aligns the longitudinal axes of said profiles ~~(8)~~ of said ~~blade(s) (3)~~ blades to the wind ~~(10)~~ at each point of their trajectory ~~(13)~~ around the central vertical axis ~~(4)~~ so as to produce an optimum aerodynamic force depending on ~~the~~ a rotation angle of the crossbars~~(6)~~ with respect to the wind vane ~~(9)~~ and ~~the~~ a rotation velocity of the crossbars, and

said ~~secondary-primary~~ control mechanism (12) ~~is subordinate to the first control mechanism (11).~~ comprises a belt transmission with a common driving pulley and at least one V-belt drive, and the secondary control mechanism comprises at least one stepping engine with a worm gear.

9. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that wherein~~ the control mechanisms (11, 12) are mechanically, electromechanically, hydraulically or pneumatically controlled.

10. (Canceled)

11. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that wherein~~ said wind vane (9) is disposed concentrically and rotatably in the main bearing (5) on the central vertical axis (4).

12. (Canceled)

13. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that wherein~~ said blades (3) are positioned in said bearings (7) on said crossbars (6) with an upward and/or a downward bias.

14. (Canceled)

15. (Currently Amended) The wind rotor of claim 9, ~~characterized in that wherein~~ said wind vane (9) is disposed concentrically and rotatably in the main bearing (5) on the central vertical axis (4).

16-17. (Canceled)

18. (New) The wind rotor of claim 9, wherein the blades are positioned in the bearings on the crossbars with an upward and/or a downward bias.

19. (New) The wind rotor of claim 11, wherein the blades are positioned in the bearings on the crossbars with an upward and/or a downward bias.